

Electronic Patent Application Fee Transmittal

Application Number:	10693171
Filing Date:	23-Oct-2003
Title of Invention:	CHANNEL ESTIMATION AND SPATIAL PROCESSING FOR TDD MIMO SYSTEMS
First Named Inventor/Applicant Name:	John W. Ketchum
Filer:	Dmitry Romanovich Milikovsky/Catherine Lane
Attorney Docket Number:	020613

Filed as Large Entity

Utility Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
-------------	----------	----------	--------	----------------------

Basic Filing:

Pages:

Claims:

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Utility Appl Issue fee	1501	1	1400	1400
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1700